



Kestrel 5500 Professional Weather Meter with Onboard Data Logging & Graphing

Product Images



Short Description

The Kestrel 5500 meter does it all; measure every environmental condition plus wind direction, crosswind and headwind/tailwind. Use it for sailing, flying, golf, spraying and more.

Also available with [built-in LiNK Wireless Communication & Rotating Wind Vane Mount \(SKU: NK-0855LVYEL\)](#).

Description

Drop-proof, dust-proof, waterproof and able to withstand extreme environments without damage, your Kestrel weather meter travels with you anywhere you go.

The true versatility of the Kestrel 5500 becomes apparent with the addition of the Kestrel Rotating Wind Vane Mount. This precision-engineered accessory securely mounts the Kestrel 5500 to any tripod or other ¼-20 fitted bracket. Once mounted, the Kestrel 5500 becomes a full-featured weather station – with the large wind vane and precision pivot keeping the Kestrel oriented into the wind for continuous measurement and logging of wind speed, wind direction, and all other key weather parameters.

Kestrel 5500 Weather Meter Key Features

- Measures: • Altitude (Barometric) • Barometric Pressure • Compass Direction • Density Altitude • Dew Point Temperature • Headwind/Tailwind • Heat Stress Index • Relative Humidity • Station Pressure (Absolute Pressure) • Temperature • Wet Bulb Temperature (Psychometric) • Wind Chill • Wind Speed/Air Speed
- Data Logging - Adjustable Interval
- Data Log Graph View
- Date & Time
- Current/minimum/maximum/average reading
- High contrast display is perfectly readable in the brightest sunlight
- Switchable white/red backlight for night-time use
- Drop-Tested to US Military Specification MIL-STD-810G
- Waterproof to IP67 (3ft/1m underwater for 30 minutes)
- Floats if dropped in water.

Additional Information

Country of Manufacture	United States
Brand	Kestrel
Explanation	<p>Kestrel Weather & Environmental Meters are designed & manufactured in the USA and are backed by Kestrel's 5-year warranty. Innovatively designed for stability and accuracy in abrupt condition changes. Rugged and durable, Kestrels are drop tested, waterproof and float if dropped in water.</p> <p>The wind speed displayed is a 3 second rolling average. This allows the unit to provide a value that is more representative of the typical, ambient conditions rather than peak speeds of instantaneous blasts of air.</p> <p>The Kestrel 5500 anemometer can easily be switched between mph, km/h, ft/min, m/s, knots and Beaufort Scale.</p> <p>All Kestrel models can be fitted to a portable rotating wind vane mount and tripod, to create a very portable and accurate weather station.</p> <p>Patented Impeller</p> <p>Every Kestrel meter features a large, 1" impeller mounted on a sapphire jewel bearing, which means it starts rotating with the slightest puff of air. For superior accuracy, the impeller housing can rotate in the unit. The patented impeller is user-replaceable by simply pushing it out with your thumbs, which means it can easily be replaced if it is damaged or worn. The measurements from the wind impeller are taken magnetically. The impeller is not glued or attached to the unit. Because every new impeller is calibrated in the wind tunnel at the USA factory, if your application demands regular calibration, simply pop in a new impeller and the Kestrel Wind Meter is restored to like-new factory calibration standards.</p>
Contents	<p>Kestrel 5500</p> <p>Protective Drawstring Pouch</p> <p>Lanyard</p> <p>Battery - 1 x AA</p> <p>Certificate of Conformity (with complete specifications)</p> <p>Instructions</p>
Ideal For	Professional, Education, Agronomy
Dimensions	12.7 x 4.5 x 2.8 cm, 121 g (Lithium battery included)
Batteries	AA Lithium Battery (Average Life 400 Hours)

Add optional USB Data Transfer Cable for wired data communication with Windows/Mac computers

USB Data Transfer Cable for 5000 Series (Item: NK-0785)

Add Optional Belt Carry Pouch

Kestrel Protective Carry Pouch